

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013200**Date Inspected:** 30-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 7000**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Geng wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

SMAW welding of base metal repair location due to short in length after cutting PCMK SP3004D of 12AE welder is identified as 049861.ZPMC QC is identified as Mr.Wang xu. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-1G(1F)-FCM-Repair and approved B-CWR1158.

SMAW welding of base metal location due to short 27mm in length located on PCMK TR10,TR11 welder is identified as 044786.ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC appeared to Comply with the WPS-345-SMAW-1G(1F)-repair and approved B-CWR1086.

Ongoing Heat straightening of traveler rail (TR) PCMK 11TR1-014 welds are identified as 001,002,005,007,008,009,010,011,012,013,014,016. ZPMC has temporary approved report HSR8140. ZPMC didn't have any approved report from Caltrans.

During in process inspection it is found that OBG sub assembly components like Longitudinal diaphragms, Corner section diaphragms, Floor beams for Lift 12 East line stored in Bay-14

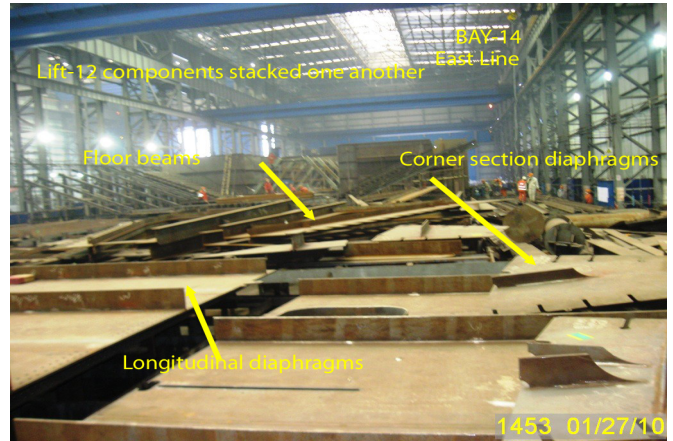
Stacked one another, this is informed to ZPMC QC Mr.Geng wei and ABF QA Mr. Baoqian.

Please see the attached photos.

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Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By: Kumar,Chadra

Quality Assurance Inspector

Reviewed By: McClendon,Timothy

QA Reviewer
